



Patent
Attorney's Docket No. 0300-004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
Simarjeet S. SAINI et al.) Group Art Unit: 3663
Application No.: 10/767,651) Examiner: Eric L. Bolda
Filed: January 29, 2004)
For: LOW POLARIZATION GAIN)
DEPENDENT SEMICONDUCTOR)
OPTICAL AMPLIFIER WITH)
VARIABLE RESIDUAL CLADDING)
LAYER THICKNESS)

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97(c)

Commissioner for Patents
Alexandria, VA 22313-1450

Sir:

Applicants submit herewith PTO/SB/08A and PTO/SB/08B - Information Disclosure Statement together with any required copies of patents, publications or other information of which Applicants are aware, which Applicants believe may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

This Information Disclosure Statement is submitted after the mailing date of a first Office Action, but before a Final Office Action or Notice of Allowance, therefore the \$180.00 fee set forth in 37 CFR 1.17(p) is attached.

It is requested that the information disclosed herein be made of record in this application.

Respectfully submitted,

POTOMAC PATENT GROUP PLLC

By: 

Steven M. duBois
Registration No. 35,023

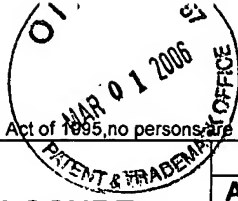
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Date: February 28, 2005

Potomac Patent Group, PLLC
P.O. Box 270
Fredericksburg, VA 22404
(540) 361-1863

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/767,651
Filing Date	January 29, 2004
First Named Inventor	Simarjeet S. SAINI et al.
Art Unit	3663
Examiner Name	Eric L. Bolda
Attorney Docket No.	0300-004

Sheet 1 of 2

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (If known)			
		U.S. 6,310,720	10/30/2001	WALKER et al.	
		U.S. 5,982,531	11/09/1999	EMERY et al.	
		U.S. 6,310,995	10/30/2001	SAINI et al.	
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FOREIGN PATENT DOCUMENTS

Examiner's Initials*	Cite No ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		"Country Code" ³ "Number" ⁴ "Kind Code" ⁵ (If known)				

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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option *

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				First Named Inventor	Simarjeet S. SAINI et al.
				Art Unit	3663
				Examiner Name	Eric L. Bolda
Sheet 2		of 2		Attorney Docket No.	0300-004

NON-PATENT LITERATURE DOCUMENTS

Examiner's Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	Shimada, S., et al., "Optical Amplifiers and their Applications," Semiconductor Laser Amplifiers, John Wiley & Sons, Chapter 4, 1994, pp. 70-72	
	2	Koga, M., et al., "Polarization Insensitive Optical Amplifier Consisting of Two Semiconductor Laser Amplifiers and a Polarization Insensitive Isolator in Series," IEEE Photonics Technology Letters, Vol. 1, No. 12, December 1989, pp. 431-433	
	3	Gustavsson, M., "Analysis of Polarization Independent Optical Amplifiers and Filters Based on Polarization Rotation in Periodically Asymmetric Waveguides," IEEE Journal of Quantum Electronics, Vol. 29, No. 4, April 1993, pp. 1168-1178	

Examiner's Signature		Date Considered	
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